

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/090722 A1

(51) International Patent Classification⁷: **G06F 11/08**,
12/16

(21) International Application Number:
PCT/SG2004/000082

(22) International Filing Date: 5 April 2004 (05.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
200302158-1 11 April 2003 (11.04.2003) SG

(71) Applicant (for all designated States except US): **STAR
SOFTCOMM PTE LTD** [SG/SG]; 151 North Buona Vista
Road, #02-36, Singapore 139347 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ZHANG, Xingming**
[CN/CN]; 32 Ying Xin Lu, Yang Zhou City, Jian Su
Province (CN).

(74) Agent: **ALBAN TAY MAHTANI & DE SILVA**; 39
Robinson Road, #07-01 Robinson Point, Singapore
068911 (SG).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

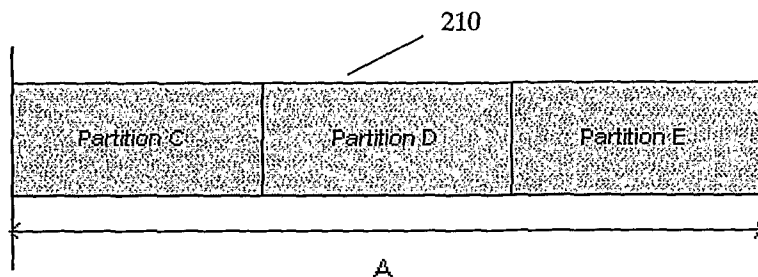
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: DATA ISOLATION SYSTEM AND METHOD



(57) Abstract: A data isolation system
for software and data maintenance,
back up and recovery for a computer
wherein dynamic data files are
identified and redirected or copied into
a hidden partition (212) on a hard disk
(210) of the computer. Automatic back
ups are made to the dynamic data files
in the hidden partition (212) whenever
the dynamic data files are amended.
The dynamic data files in the hidden
partition (212) include the computer's
operating environment so that the

computer's operating environment can be restored from the dynamic data files in the hidden partition (212). The dynamic data files
in the hidden partition (212) include data up to the time of a failure of the computer's system.

WO 2004/090722 A1